Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083502.D
Acq On : 5 Dec 2015 1:24
Operator : UM/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:43 PM

Quant Time: Dec 05 03:53:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 03:24:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	124902	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	484163	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	235788	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	441921	20.00	ng		0.00
75) Chrysene-d12	17.05	240	352612	20.00	ng		0.00
86) Perylene-d12	18.67	264	286113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	876786	105.27	ng		0.00
7) Phenol-d6	5.32	99	1148119	100.76	ng		0.00
23) Nitrobenzene-d5	6.60	82	1068635	97.24	ng		0.00
41) 2,4,6-Tribromophenol	11.76	330	234032	99.43	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	1731688	103.24	ng		0.00
78) Terphenyl-d14	15.49	244	1605921	106.06	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	220591	49.12	ng		98
3) Pyridine	2.30	79	505094	44.36	ng		97
4) n-Nitrosodimethylamine	2.27	42	291939	53.22	ng		90
6) Aniline	5.32	93	765927	49.12	ng		98
8) 2-Chlorophenol	5.48	128	466343	50.92	ng		98
9) Benzaldehyde	5.16	77	324724	55.08	ng		100
10) Phenol	5.34	94	680136	49.88	ng		79
11) bis(2-Chloroethyl)ether	5.42	93	471603	47.13	ng		97
12) 1,3-Dichlorobenzene	5.69	146	522709	51.16	ng		99
13) 1,4-Dichlorobenzene	5.79	146	529415	50.39	ng		100
14) 1,2-Dichlorobenzene	6.01	146	477738	49.06	ng		98
15) Benzyl Alcohol	6.01	79	411185	47.32	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	914887	52.03	ng		96
17) 2-Methylphenol	6.20	107	388529	50.76	ng		98
18) Hexachloroethane	6.50	117	187388	51.02	ng		95
19) n-Nitroso-di-n-propylamine	6.41	70	390186	48.58	ng		97
20) 3+4-Methylphenols	6.44	107	517426	50.03	ng		89
22) Acetophenone	6.38	105	720715	50.01	ng	#	98
24) Nitrobenzene	6.62	77	583650	49.67	ng		98
25) Isophorone	7.00	82	1029370	48.58	ng		98
26) 2-Nitrophenol	7.10	139	235557	48.94	ng		94
27) 2,4-Dimethylphenol	7.23	122	418958	52.25	ng		99
28) bis(2-Chloroethoxy)methane	7.36	93	571665	47.16	ng		99
29) 2,4-Dichlorophenol	7.50	162	380362	49.15	ng		99
30) 1,2,4-Trichlorobenzene	7.60	180	407056	48.45	ng		100
31) Naphthalene	7.71	128	1323076	50.10	ng		99
32) Benzoic acid	7.50	122	221055	40.75	ng		97
33) 4-Chloroaniline	7.84	127	534290	48.01	ng	#	92
34) Hexachlorobutadiene	7.93	225	241871	50.34	ng		97
35) Caprolactam	8.44	113	120767	49.94	ng		96
36) 4-Chloro-3-methylphenol	8.67	107	424848	49.14	ng		92
37) 2-Methylnaphthalene	8.81	142	818312	47.04	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	391930	51.77	ng	#	100
40) Hexachlorocyclopentadiene	9.07	237	136369	40.61	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	259285	49.78	ng		96
43) 2,4,5-Trichlorophenol	9.37	196	259823	48.50	ng		97
45) 1,1'-Biphenyl	9.57	154	1076781	51.75	ng		100
46) 2-Chloronaphthalene	9.58	162	802535	50.59	ng		98
47) 2-Nitroaniline	9.78	65	300230	48.95	ng		98
48) Acenaphthylene	10.24	152	1323497	52.07	ng		100
49) Dimethylphthalate	10.12	163	951465	49.18	ng		99
50) 2,6-Dinitrotoluene	10.20	165	212436	52.06	ng	#	78
51) Acenaphthene	10.52	154	753981	50.67	ng		98
52) 3-Nitroaniline	10.46	138	227496	48.69	ng		79
53) 2,4-Dinitrophenol	10.65	184	92229	44.31	ng		94
54) Dibenzofuran	10.81	168	1067072	49.12	ng		99
55) 4-Nitrophenol	10.82	139	122282m	42.32	ng		
56) 2,4-Dinitrotoluene	10.85	165	283490	54.37	ng	#	75
57) Fluorene	11.36	166	917046	52.80	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.04	232	200984	46.75	ng	#	100
59) Diethylphthalate	11.26	149	919729	50.19	ng		96
60) 4-Chlorophenyl-phenylether	11.38	204	442088	55.43	ng		99
61) 4-Nitroaniline	11.46	138	212534	45.83	ng		93
62) Azobenzene	11.64	77	951458	44.14	ng		99
64) 4,6-Dinitro-2-methylphenol	11.52	198	157153	53.83	ng	#	71
65) n-Nitrosodiphenylamine	11.60	169	756418	49.09	ng		99
66) 4-Bromophenyl-phenylether	12.17	248	248751	51.32	ng		98
67) Hexachlorobenzene	12.24	284	269776	50.65	ng		98
68) Atrazine	12.51	200	234460	53.45	ng		97
69) Pentachlorophenol	12.59	266	116976	43.36	ng		99
70) Phenanthrene	12.90	178	1308457	49.96	ng		99
71) Anthracene	12.98	178	1339989	50.64	ng		100
72) Carbazole	13.28	167	1179322	49.87	ng		99
73) Di-n-butylphthalate	13.91	149	1453858	51.56	ng		99
74) Fluoranthene	14.82	202	1334969	49.28	ng		99
76) Benzidine	15.08	184	668663	61.25	ng		99
77) Pyrene	15.17	202	1358384	54.11	ng		98
79) Butylbenzylphthalate	16.32	149	565513	53.19	ng		95
80) Benzo(a)anthracene	17.04	228	1033341	47.82	ng		99
81) 3,3'-Dichlorobenzidine	17.03	252	347346	51.18	ng		98
82) Chrysene	17.08	228	1045103	49.67	ng		98
83) Bis(2-ethylhexyl)phthalate	17.16	149	730325	51.45	ng		99
84) Di-n-octyl phthalate	17.92	149	1050273	50.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.92	276	945581	60.31	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	778149m	42.85	ng		
88) Benzo(k)fluoranthene	18.33	252	860918m	49.61	ng		
89) Benzo(a)pyrene	18.63	252	790867	49.92	ng	#	95
90) Dibenzo(a,h)anthracene	19.93	278	788413	55.83	ng		97
91) Benzo(g,h,i)perylene	20.28	276	794867	56.94	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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